Joint Integration and Interoperability of Special Operations Forces (JII-SOF)

Joint Test and Evaluation Nomination

USMC Overview Briefing
19 February 2003

Presented by:
JII-SOF Study Director
Mr. Mike Dorris

Purpose

To provide an update on the status of JII-SOF Nom

Briefing Outline

- **Introduction**
- **Nomination Decisions**
- **Summary**

Introduction

Title: **Joint Integration and Interoperability of Special Operations Forces (JII-SOF) Joint Test and Evaluation Initiative**

Chartered: TBD
In-house Feasibility Study: Commissioned Jan 02
Completed Sept 02
Reviewed at the JPO Dec 02
Nomination submitted: Dec 02
Lead Service: United States Special Operations Command (USSOCOM)

Sponsoring Agencies: TBD

Test Director: Mr. Mike Dorris

Location: Mac Dill AFB, Florida

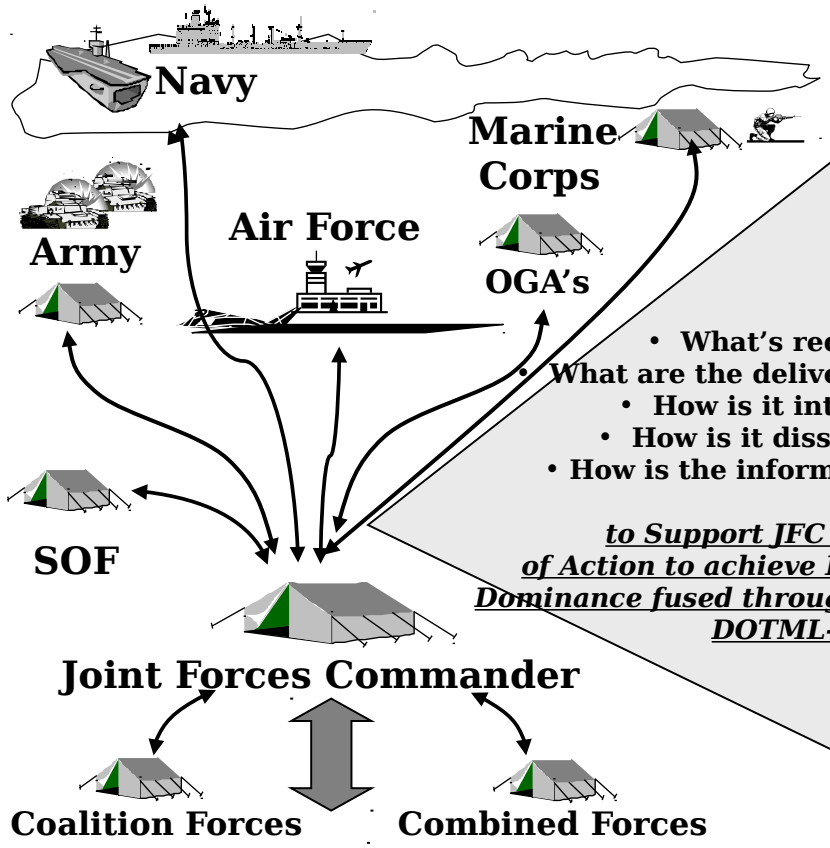
Problem Statement

The planning and subsequent execution of operations involving SOF is severely hampered by the lack of an integrated and interoperable joint, combined, interagency, coalition and trans-national common SOF picture of the battle space.

Mission

Joint Integration and Interoperability of Special Operations Forces (JII-SOF) JT&E will allow SOF to fully integrate planning and execution of operations with the Joint Force Commander, Joint, Interagency, Combined & Coalition forces through a Common Picture to mitigate risk associated with planning, executing and

JII-SOF Nomination Overview



- **What's required**
  What are the delivery capabilities
- **How is it integrated**
- **How is it disseminated**
- **How is the information viewed**

to Support JFC Courses of Action to achieve Full Spectrum Dominance fused through co-evolution of DOTML-P

Scope: mitigate JFC C4ISR constraints in planning & execution of operations which include Joint, Combined, Coalition & Interagency elements

Improve:

- accuracy, timeliness & the integration of **SOF C2 & planning capabilities** with component, combined, coalition forces & interagency forces
- processes of **allocating critical resource** to support on-going and future operations
- ability to **provide a Common Picture (C** to joint forces
- situational awareness, collaboration and **sharing of data**

Issue 1: To what extent do existing/alternative core C4ISR systems support or detract from the ability of forces to accomplish their primary and collateral mission areas in support of the Joint Forces Commander?
Issue 2: To what extent do alternative digital environments complement or integrate current or emerging Digital Environment configurations, either enhancing or supporting the ability to conduct Mission Planning and Command and Control (C2) tasks with components, combined, coalition and interagency forces?
Issue 3: To what extent will a more robust interagency/joint/coalition common picture allow forces to fully integrate vertically with other theater components and horizontally with deployed combined and coalition forces in any theater of operations?

JII-SOF Benefits

Direct and Indirect

Tier I: JFC, Combatant Commands & Services

Timely Improvement/Process Yields

- **Improved Joint Tactics, Techniques and Procedures (JTTP's)**
- **Improved Situational Awareness**
- **Improved Collaboration**
- **Improved Command and Control (C2)**
- **Publication Updates**

Tier II: SOF & Components

Efficiency & Effectiveness

- **Enhanced integration and interoperability of Special Operations Forces (SOF) in joint, combined, coalition and interagency operations in support of the Joint Forces Commander**
- **Validation of Digital Environment architectures for the integration of a common SOF picture into the JTTPs that govern mission planning, assessment, rehearsal, and execution in all environments**

Tier III: Combined, Coalition, & Interagency

More Bang for the Buck

- **Total Force Integration**
- **Increased Force Protection through a Common Picture**
- **Increased ability for Data Sharing (Operations/Intelligence/L**

Program Decisions

JII-SOF JT&E Nomination
Chronology of Decisions

- Joint Interoperability Common Operational Picture (JICOP) JT&E
  - Concept Development tasking from PEO-IIS – October 01
  - Winter - Spring 2001/02 JT&E Nomination Process
  - Concept Well Received by USD (AT&L)/ Combatant Commands/Services
  - Withdrawn by USSOCOM – Deferred to 2002 Cycle
- Joint Integration and Interoperability of SOF JT&E - PEO-IIS Directed In-house Feasibility Study (IFS)
  - Review Need to Conduct SOF Interoperability JT&E
  - Determine Feasibility of By-passing JFS
  - Study Completed September 2002
  - Decision Brief to PEO-IIS – Nov 02
  - Nomination submitted from USSOCOM to JT&E JPO – Dec 02

JII-SOF JT&E Nomination
In-house Feasibility Study (IFS) Results

- Flag Officers, and Senior Executive Service leaders have expressed a strong need for improved connectivity and interoperability that will be gained through the execution of a Joint Test and Evaluation (JT&E) program
- Combatant Commanders and Services agree that the results of this JT&E would provide immediate improvement to their warfighting capabilities
- A Joint approach is required to evaluate the JTTPs developed to integrate the SOF Digital Environment (SDE) into Joint planning/operational networks, as well as the operational concepts in which they would be employed
- The goal is to improve integration, interoperability, and the tactical/operational capabilities of all the SOF in joint, interagency, combined and coalition environments

Feasible and Executable

IFS Study Results Cont.

- Joint testing is the best way to develop and evaluate JTTPs and related publications
- Testing sites, joint exercises, and instrumentation will be available to collect the necessary data and answer test issues
- Proceeding directly to Joint Test (JT) phase will ensure the timely execution of the JT&E program, additionally, it will allow early results and feedback to be provided to the warfighter community and supports the direction to shorten the Joint Feasibility Study (JFS) and JT&E cycle

Feasible and Executable

JII-SOF JT&E
OSD Funding

Estimate ($M)

	FY04	FY05	FY06	FY07	Total
Original Submission	**$5.278**	**$7.188**	**$8.54**	**$5.346**	**$26.266**
Revised					

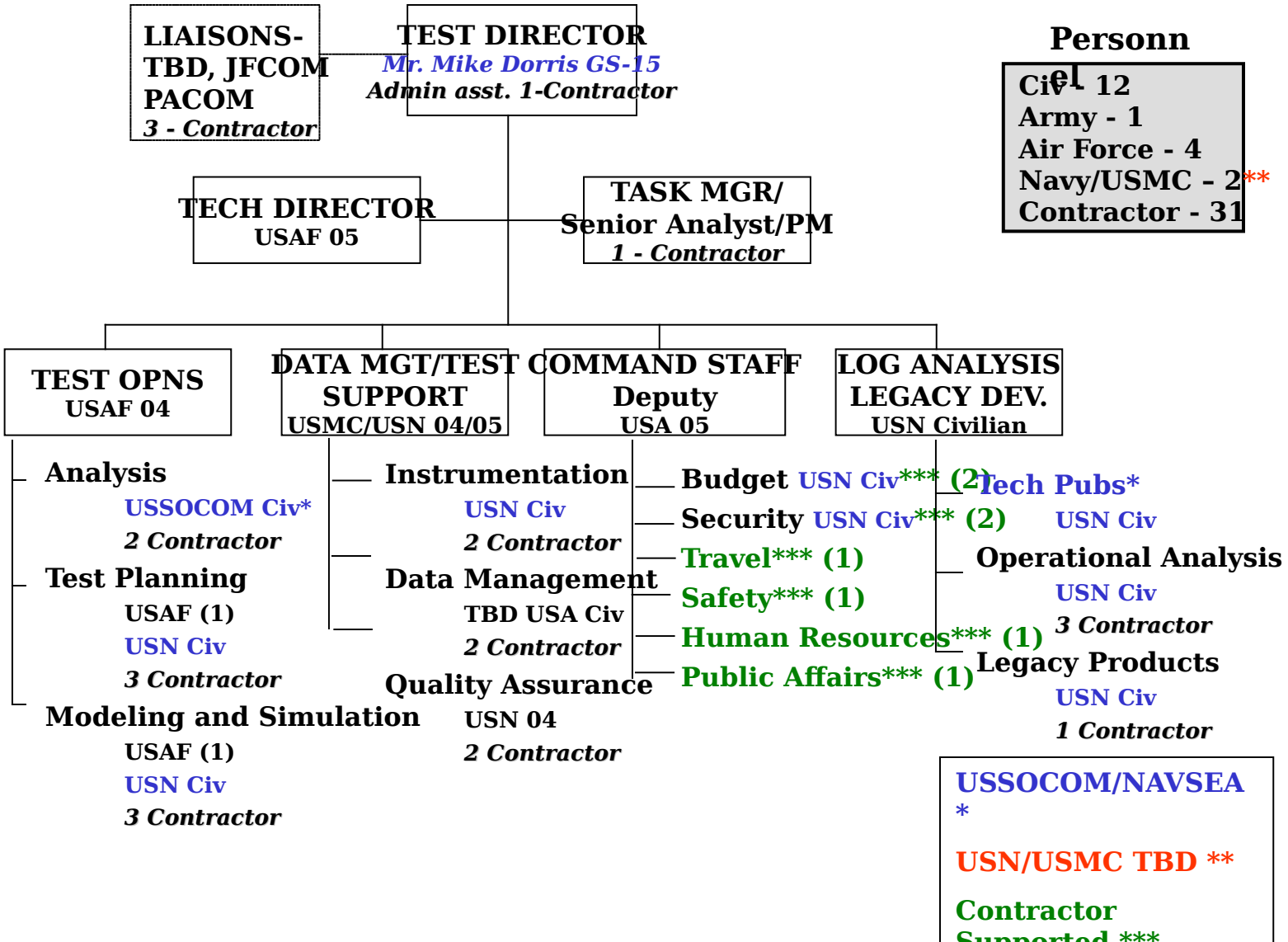
JII-SOF JT&E

Manning

Original

SOURCE	MILITARY	CIVILIAN	OSD	TOTAL
USSOCOM	1	2	N/A	3
USN	2	7	N/A	9
USA	1	1	N/A	2
USAF	4	1	N/A	6
USMC	0	1	N/A	1
Contractor	N/A	N/A	31	31
TOTAL	5	12	31	52

JII-SOF JT&E Organization



JII-SOF JT&E Nomination
IFS Results

Feasible and Executable

Leadership has expressed a strong need for improved connectivity and interoperability that will be gained

Combatant Commanders and Services agree that the results of this JT&E would provide immediate improvement to their warfighting capabilities

The goal is to improve integration, interoperability and the tactical capabilities of all the Joint Forces Commander units in joint, combined, coalition & interagency operation

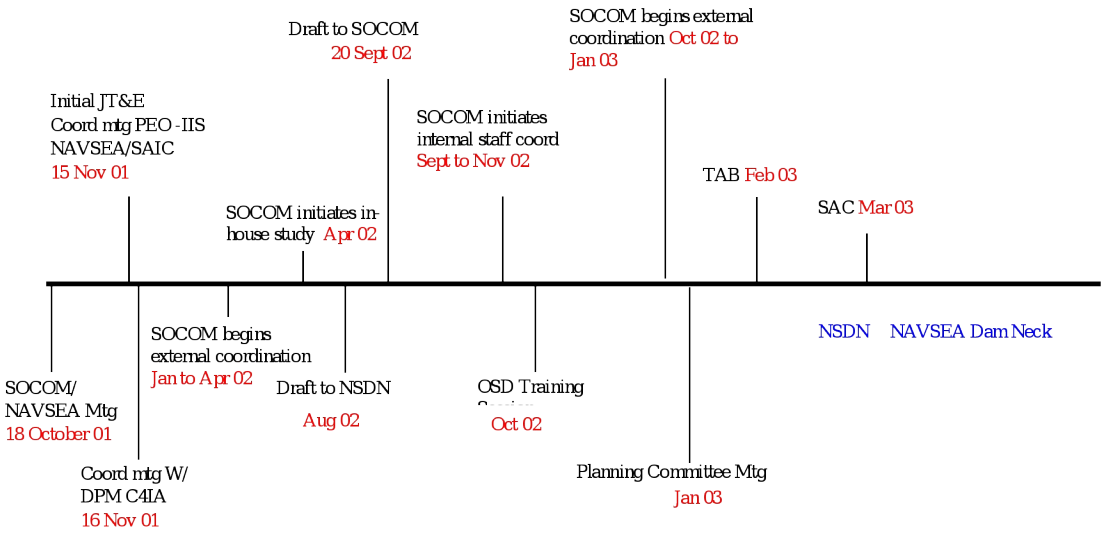
Continues to Receive Strong Joint Warfighter Sup

Discussion

Back-up

SOF-JII Schedule Draft

Schedule



SOF-JII Schedule Draft cont